

Date: 06-01-2024

0124 E604

Final Year MBBS Examination
III MBBS Part 2 Pediatrics (New)

Time: 3 hours

Max Marks: 100

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Write in detail (Any one out of two)(10)

a) Define development Enumerate Principles of development. Mention receptive and expressive language development till 2 years, What are the screening tools for development till 2 years of age?

b) Define Severe acute malnutrition.

Management principles of severe acute malnutrition. How do you manage acute diarrhoea with shock in severe acute malnutrition?

2. Case based scenario/applied short notes (Any two out of three) (12)

a) The 9 months old infant presented with a history of fever of 2 days and recurrent convulsions of 1 day. Enumerate the causes of convulsion. What are the Cerebrospinal fluid findings of pyogenic meningitis? How do you manage pyogenic meningitis?.

b) The 13 months old child presented with no eruption of teeth. When do you say vitamin D levels are low? How do you manage Vitamin D deficiency? Mention fat soluble vitamins.

c) When do you say metabolic acidosis? How do you differentiate normal and increased anion gap metabolic acidosis? Mention 3 causes of increased anion gap metabolic acidosis.

3. Write short notes (any three out of four) (18)

- a) What is the early neonatal mortality rate? What are 3 most common causes of early NMR in India? Mention 3 actions most important to reduce neonatal mortality rate**
- b) Vaccination at 6 weeks as per universal immunization programme**
- c) Management of Tuberculoma**
- d) Laboratory diagnosis of Vitamin B12 deficiency and its management**

4. Answer only in 2-3 sentences (Any five out of six) (10)

- a) Formula to calculate the weight and height in 8-year-old child**
 - b) Mention developmental age for roll over, waving bye bye, recognition of mother monosyllable words**
 - c) Define Respiratory acidosis**
 - d) Polio vaccination in UIP**
 - e) Dose and safety of paracetamol**
 - f) What is the rate of increase of head**
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circumference till 6 months of age?

Section 2

5. Write in detail (any one out of two) (10)

a) What is temperature in nicu for minimum energy expenditure with normal body temperature? How do you measure temperature in newborn? What are the components of 2 a warm chain? How do manage mild hypothermia

b) When world prematurity day is celebrated ? How do you manage a preterm (32 weeks) b weighing 1.4 kgs. How is the growth monitoring done in follow up?

6. Case based scenario/applied short notes (Any two out of three) (12)

a) A 5 months old infant presenting with fever of 3 days and cold to touch, to the emergency department i) Write causes of shock in infant. ii) How do clinically classify severity of shock iii) How do manage septic shock in infant?

b) A 4 year old presents with decreased

activity and pallor. i) What are the signs of pallor in a 4 year old child? ii) How do you manage the child with Hb-6g/dL with microcytic hypochromic in peripheral smear having no splenomegaly? iii) Write a Note on weekly iron and folic acid supplementation.

c) Anomalies in infant of diabetic mother. Write on hemodynamics and management of D transposition of great vessel

7. Write short notes (any three out of four) (18)

- a) Diagnosis and management of minimal change nephrotic syndrome
- b) Mention the clinical features of acute severe asthma Outline its management
- c) Enumerate preventable causes of mental retardation. Write briefly on newborn screening for hypothyroidism
- d) Drugs used in treatment of hypertension

8. Answer only in 2-3 sentences (Any five out of six) (10)

- a) Define hypocalcemia in neonate How do you treat it?
- b) Mention 4 late complications of blood transfusion in thalassemia children.
- c) Diagnostic criteria for diabetic ketoacidosis
- d) Treatment of rickettsial fever in children
- e) Rabies vaccination schedule Treatment of uncomplicated Urinary tract infection
- f) Treatment of uncomplicated urinary tract infection